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ABSTRACT

A system and method for automated reporting of performance of computer system components provides an uniform, extensible, reporting framework that includes a plurality of reporting clients for tracking the performance of system components and one or more reporting servers for receiving performance data collected by the reporting clients and automatically generating performance reports from the received data. Each of the reporting clients may be configured to track component-specific metrics and may also selectively check a core set of system attributes, such as memory usage and event logs. The use of a plug-in module for the reporting client allows a user to define, register, and track the component-specific metrics. The reporting server is configurable to generate summary reports from data collected by the reporting clients as well as more detailed reports on per-component and multi-component bases. Reporting servers in the reporting system may forward data to a\super-server to generate a low-detail high level summary, and selectively archive the performance data in a database to facilitate longterm evaluation and trend analysis.